



# U. S. COAST GUARD DEEPWATER NEWS

***People ~ Partnership ~ Performance***

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**Commandant (G-D)**

**Washington DC**

**October 2002**

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## Our Vision

By focusing on *People* working collaboratively in full *Partnership*, we will achieve *Performance* for:

**Keeping the U. S. Coast Guard the world's best ....properly equipped and fully prepared to meet every maritime challenge of the 21<sup>st</sup> Century.**

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### Rescue 21 & Deepwater

On 24 September 2002, the USCG announced the contract award for "Rescue 21" – formerly the National Distress and Response System Modernization Project. Rescue 21 will be the nation's primary maritime "911" system. Together the Deepwater Program and Rescue 21 will greatly improve the Coast Guard communications infrastructure through high capacity, integrated, interoperable communications systems that can rapidly transmit information, contributing to a common operational picture and providing thorough communications coverage. Deepwater will have the following capabilities:

- Receive all properly broadcast distress signals, establish lines of bearing to allow position fixing, and collect information to help identify whether distress signals are legitimate or hoax calls.
- Maintain simultaneous real time voice, video and data communications between Coast Guard assets; DoD; other federal, state and local government agencies; NATO allies and the maritime public.
- Have access to Coast Guard, multi-agency and national databases.
- Have secure data exchanges where network intrusions are prevented or, at worst, detected and counteracted.
- Significantly increase the commanding officer's situational awareness of the operating environment.

### Upcoming 123' WPB Milestones

- Preliminary Design Review - 31 October 2002
- Model Testing - mid November through December
- Critical Design Review - 1<sup>st</sup> week in December
- Production Readiness Review - 15 January 2003
- 1<sup>st</sup> 110' arrival at Bollinger - 02 February 2003
- 1<sup>st</sup> 123' delivery to Coast Guard - 02 November 2003

### Coordination between Rescue 21 & Deepwater

Rescue 21 (NDRSMP) has been coordinating with the Deepwater Program for over three years.

- Within the Office of Operations (G-O), G-OCC as the sponsor for Rescue 21 and G-OCD as the sponsor for Deepwater, coordinate interoperability requirements. The sponsor's representatives responsible for coordination are LT Bob Feigenblatt (G-OCC) and CDR Steve Nurre (G-OCD).
- Coast Guard missions will require the IDS, Groups and their assets to operate in a network centric environment.
- To ensure Rescue 21/IDS interoperability, the System Performance Specification (SPS) upon which the system requirements are based, has been revised. The Information Exchange Capabilities Criteria has been modified to provide detailed requirements for asset interoperability.
- Within the Deepwater Program, these requirements are incorporated into the C4ISR architecture (the "master plan"), which is managed by the C4ISR Integrated Product Team (IPT). Rescue 21 is represented on the C4ISR IPT by LT Amy Grable.
- Once the architecture is established, the system requirements are incorporated into the components. There will be common interoperability requirements for both ships and aircraft.

### Revised Website

Visit our improved website at [www.uscg.mil/deepwater](http://www.uscg.mil/deepwater) for the most current information regarding Deepwater. The new site is easier to navigate and allows us to solicit questions, concerns and issues people have about Deepwater, and to provide accurate answers as quickly as possible.

*Questions or Comments? Please e-mail us at  
[deepwater@comdt.uscg.mil](mailto:deepwater@comdt.uscg.mil)*